

OPINION 666

CLATHURELLA CARPENTER, 1857 (GASTROPODA): DESIGNATION OF A TYPE-SPECIES UNDER THE PLENARY POWERS

RULING.—(1) Under the plenary powers all designations of type-species for the nominal genus *Clathurella* Carpenter, 1857, made prior to the present Ruling are hereby set aside, and the nominal species *Clavatula rava* Hinds, 1843, is hereby designated to be the type-species of that genus.

(2) The following generic names are hereby placed on the Official List of Generic Names in Zoology with the Name Numbers specified :

(a) *Clathurella* Carpenter, 1857 (gender : feminine), type-species, by designation under the plenary powers in (1) above, *Clavatula rava* Hinds, 1843 (Name No. 1540) ;

(b) *Pleurotomoides* Bronn, 1831 (gender : masculine), type-species, through *Defrancia* Millet, 1826, by designation by Dall, 1908, *Defrancia pagoda* Millet, 1826 (Name No. 1541).

(3) The following specific names are hereby placed on the Official List of Specific Names in Zoology with the Name Numbers specified :

(a) *rava* Hinds, 1843, as published in the binomen *Clavatula rava* (type-species of *Clathurella* Carpenter, 1857) (Name No. 1916) ;

(b) *pagoda* Millet, 1826, as published in the binomen *Defrancia pagoda* (type-species of *Pleurotomoides* Bronn, 1831) (Name No. 1917).

(4) The following generic names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the Name Numbers specified :

(a) *Defrancia* Millet, 1826 (a junior homonym of *Defrancia* Bronn, 1825) (Name No. 1631) ;

(b) *Defrancia* Möller, 1842 (a junior homonym of *Defrancia* Bronn, 1825) (Name No. 1632) ;

(c) *Pelagia* Lamouroux, 1821 (a junior homonym of *Pelagia* Peron & Lesueur, 1810) (Name No. 1633) ;

(d) *Pelagia* Quoy & Gaimard, (1833) (a junior homonym of *Pelagia* Peron & Lesueur, 1810) (Name No. 1634) ;

(e) *Pelagia* Gumpfenberg, 1890 (a junior homonym of *Pelagia* Peron & Lesueur, 1810) (Name No. 1635).

HISTORY OF THE CASE (Z.N.(S.) 518)

The present case was submitted by Mr. Joshua L. Bailly, Jr., in March 1951 and revised by him in February 1957. It was sent to the printer on 17 January 1961 and published on 11 August 1961 in *Bull. zool. Nomencl.* 18 : 270-272. Public Notice of the possible use of the plenary powers in the present case was given in the same part of the *Bulletin* as well as to the other prescribed serial publications (*Bull. zool. Nomencl.* 4 : 51-56) and to two malacological serials.

The application was supported by Dr. Myra Keen who pointed out, however, that *Philbertia* Monterosato, 1884, was only a subjective junior synonym of *Clathurella* Carpenter, 1857, and should therefore not be placed on the Official Index as had been proposed.

DECISION OF THE COMMISSION

On 31 May 1962 the Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (62)23 either for or against the proposals set out, excepting proposal (4)(c), in *Bull. zool. Nomencl.* 18 : 272. At the close of the prescribed Voting Period on 31 August 1962, the state of the voting was as follows :—

Affirmative Votes—twenty-three (23), received in the following order : Hering, China, Boschma, Holthuis, Mayr,* Riley, Vokes, Lemche, do Amaral, Munroe, Stoll, Bonnet, Brinck, Alvarado, Key, Uchida, Borchsenius, Obruchev, Tortonese, Jaczewski, Hemming, Binder, Kühnelt.

Negative Votes—one (1) : Mertens.

On Leave of Absence—one (1) : Prantl.

Voting Papers not returned—two (2) : Evans, Poll.

Commissioners Bradley and Miller returned late affirmative votes.

The following comments were returned by Commissioners with their Voting Papers :

Dr. L. B. Holthuis (7.vi.62). *Clathurella* Carpenter being clearly a replacement name for *Defrancia* Millet, Dall's (1908) type selection is valid, that of Cossman being invalid. The plenary powers thus are necessary for the type designation favoured by Mr. Baily.

Dr. Henning Lemche (14.vi.62). If Carpenter (1857) is not to be completely prevented from working taxonomically with his genus *Clathurella* (= *Defrancia* Millet), he must be given an opportunity to both (1) make the necessary nomenclatorial statements, and (2) thereafter include anything else by taxonomic actions. So, *pagoda* is the type under the Rules. But, circumstances are apparently such that it is better to use the plenary powers to vary the type.

Dr. K. H. L. Key (23.vii.62). The applicant is wrong in stating (para. 9) that both courses are consistent with the rules and that Carpenter's "intention" must be decisive. The case clearly comes under Art. 67 i, and the designation of *rava* as type-species is clearly invalid under Art. 68 i (i). Carpenter's intention is irrelevant, even if it could be determined.

Prof. R. Mertens (27.viii.62). For the following reasons I vote against the proposal :

(1) Carpenter, 1857, by a footnote expressly stated that the new name *Clathurella* was intended as a replacement name for *Defrancia* Millet, 1826 (non Bronn 1825). The citation of "*Clavatula*, pars, Hinds . . ." may be regarded as a somewhat obscure indication of the nominal species *Clavatula rava*, but *rava* cannot be interpreted as an "originally included species" in the sense of Article 69a(i) of the Code, and therefore it cannot be the type-species of the genus in question.

*Prof. Mayr asked that his vote be counted with the majority.

(2) In conformity with the provisions of the Code the species *Defrancia pagoda* (type-species of *Defrancia*) was regarded by Dall (1918) as type-species of *Clathurella* and Wenz did the same in his important textbook (1934, *Handb. Paläozool.* 6(1) : 1457).

ORIGINAL REFERENCES

The following are the original references for the names placed on Official Lists and Indexes by the Ruling given in the present Opinion :

Clathurella Carpenter, 1857, *Cat. Coll. Mazatlan Shells B.M.* : 399

Defrancia Millet, 1826, *Mém. linn. Soc. Paris* 5 : 437

Defrancia Möller, 1842, *Ind. Moll. Groenl.* : 12

pagoda, *Defrancia*, Millet, 1826, *Mém. linn. Soc. Paris* 5 : 439, pl. 9, figs. 1a, b

Pleurotomoides Bronn, 1831, *Ergeb. nat. Reisen* 2 : 555

Pelagia Gumpfenberg, 1890, *N. Acta Acad. Leop. Carol.* 54 : 483 ; 58 : 237

Pelagia Lamouroux, 1821, *Exp. Méth. polyp.* : 78

Pelagia Quoy & Gaimard, (1833), in d'Urville, *Voy. "Astrolabe"*, *Zool.* 2 : 292

rava, *Clavatula*, Hinds, 1843, *Proc. zool. Soc. Lond.* : 39

The following is the original reference for the designation of a type-species for a genus concerned in the present Ruling :

For *Pleurotomoides* Bronn, 1831, through *Defrancia* Millet, 1826 : Dall, 1908, *Bull. Mus. comp. Zool.*, Harvard 43 : 260

CERTIFICATE

I certify that the votes cast on Voting Paper (62)23 were cast as set out above, that the proposal set out in that Voting Paper has been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission, is truly recorded in the present Opinion No. 666.

W. E. CHINA

Acting Secretary

*International Commission on
Zoological Nomenclature*

London

16 October 1962